IN THE CLAIMS:

Please amend the claims as shown in the following Claim Listing.

CLAIM LISTING:

Please amend the claims as set forth below.

- 1. (Currently Amended) An electroplating solution for the deposition of silver; said solution consisting essentially of comprising:
- (a) a premade aqueous solution of silver in the form of a complex of silver with hydantoin or a substituted hydantoin compound wherein said solution includes an excess molar ratio of the hydantoin or substituted hydantoin compound;
- (b) a premade aqueous solution of a conducting electrolyte comprising an effective quantity of a nonprecipitating electrolyte salt, and the hydantoin or the a substituted hydantoin compound employed in part (a); and
- (c) an effective quantity of 2,2' dipyridyl for the purpose of obtaining a mirror-bright to brilliant deposit;

said plating solution having a pH of from about 9 to about 13.

2. (Currently Amended) The electroplating solution of Claim 1, further comprising including an effective quantity of a pyridine or substituted pyridine compound for the purpose of improving the overall brightness of the deposit obtained.

- 3. (Currently Amended) The electroplating solution of Claim 1 or 2, further emprising including an effective quantity of surface-active material for the purpose of further improving the overall brightness and brilliance of the deposit obtained.
- 4. (Currently Amended) The electroplating solution of Claim 3, wherein the surface-active material is selected from the group of surfactants consisting of substituted glycine derivatives, sulfonated naphthalene-formaldehyde condenstates, and aqueous solutions thereof

Hamposyl C (also known as —Cocoyl Sarcosine), Hamposyl L (also known as —Lauroyl Sarcosine), Hamposyl O (also known as —Oleoyl Surcosine), Blancol (also known as —the sodium salt of a sulfonated naphthalene condensate), Blancol N (also known as —the sodium salt of a sulfonated naphthalene formaldehyde condensate), Rhodacal (also known as —the alkylamine salt of alkylbenzene sulfonio acid), and Rhodacal N (also known as —the sodium salt of a sulfonated naphthalene formaldehyde condensate).

- 5. (Currently Amended) The electroplating solution of Claim 2, wherein the pyridine or substituted pyridine compound is selected from the group consisting of nicotinamide, isonicotinamide, 2-aminopyridine, 3-aminopyridine, nicotinic acid and its salts, and isonicotinic acid and its salts.
- 6. (Currently Amended) The electroplating solution of Claim 5, wherein the surface-active material is selected from the group of surfactants consisting of substituted glycine derivatives, sulfonated naphthalene-formaldehyde condenstates, and aqueous solutions thereof

Hamposyl C (also known as Cocoyl Sarcosine), Hamposyl L (also known as Lauroyl Sarcosine), Hamposyl O (also known as Oleoyl Sarcosine), Blancol (also known as the sodium salt of a sulfonated naphthalene condensate), Blancol N (also known as the sodium salt of a sulfonated naphthalene formaldohyde condensate), Rhodacal (also

known as—the alkylamine salt of alkylbenzene sulfonic acid), and Rhodacal N (also known as—the sodium salt of a sulfonated naphthalene formaldehyde condensate).

- 7. (Original) The electroplating solution of Claim 1 or 2, wherein the nonprecipitating electrolyte salt is selected from the group consisting of the salts of sulfamic, hydrofluoric, nitric, fluoboric, glycolic, and lactic acids.
- 8. (Original) The electroplating solution of Claim 3, wherein the nonprecipitating electrolyte salt is selected from the group consisting of the salts of sulfamic, hydrofluoric, nitric, fluoboric, glycolic, and lactic acids.
- 9. (Original) The electroplating solution of Claim 4, wherein the nonprecipitating electrolyte salt is selected from the group consisting of the salts of sulfamic, hydrofluoric, nitric, fluoboric, glycolic, and lactic acids.
- 10. (Original) The electroplating solution of Claim 5, wherein the nonprecipitating electrolyte salt is selected from the group consisting of the salts of sulfamic, hydrofluoric, nitric, fluoboric, glycolic, and lactic acids.
- 11. (Original) The electroplating solution of Claim 6, wherein the nonprecipitating electrolyte salt is selected from the group consisting of the salts of sulfamic, hydrofluoric, nitric, fluoboric, glycolic, and lactic acids.
- 12. (Currently Amended) A process for the formation of a mirror-bright to brilliant electrodeposit of silver on a substrate comprising the step of:

electroplating said substrate in an electroplating solution, said solution consisting essentially of comprising:

- (a) a premade aqueous solution of silver in the form of a complex of silver with hydantoin or a substituted hydantoin compound wherein said solution includes an excess molar ratio of the hydantoin or substituted hydantoin compound;
- (b) a premade aqueous solution of a conducting electrolyte comprising an effective quantity of a nonprecipitating electrolyte salt, and the hydantoin or the a substituted hydantoin compound employed in part (a); and
- (c) an effective quantity of 2,2' dipyridyl for the purpose of obtaining a mirror-bright to brilliant deposit;

said plating solution having a pH of from about 9 to about 13.

- 13. (Currently Amended) The process of Claim 12, wherein the electroplating solution further comprises also includes an effective quantity of a pyridine or substituted pyridine compound for the purpose of improving the overall brightness of the deposit obtained.
- 14. (Currently Amended) The process of Claim 12 or 13, wherein the electroplating solution further comprises also includes an effective quantity of surfaceactive material for the purpose of further improving the overall brightness and brilliance of the deposit obtained.
- 15. (Currently Amended) The process of Claim 14, wherein the surface-active material is selected from the group of surfactants consisting of substituted glycine derivatives, sulfonated naphthalene-formaldehyde condenstates, and aqueous solutions thereof

Hamposyl C (also known as Cocoyl Sarcosine), Hamposyl L (also known as Lauroyl Sarcosine), Hamposyl O (also known as Oleoyl Sarcosine), Blancol (also known as the

sodium salt of a sulfonated naphthalene condensate), Blancol N (also known as—the sodium salt of a sulfonated naphthalene formaldehyde condensate), Rhodacal (also known as—the alkylamine salt of alkylbenzene sulfonic acid), and Rhodacal N (also known as—the sodium salt of a sulfonated naphthalene formaldehyde condensate).

16. (Currently Amended) The process of Claim 15, wherein the pyridine or substituted pyridine compound is selected from the group consisting of nicotinamide, isonicotinamide, 2-aminopyridine, 3-aminopyridine, nicotinic acid and its salts, and isonicotinic acid and its salts.

17. (Cancelled).

- 18. (Original) The process of Claim 12 or 13, wherein the nonprecipitating electrolyte salt is selected from the group consisting of the salts of sulfamic, hydrofluoric, nitric, fluoboric, glycolic, and lactic acids.
- 19. (Original) The process of Claim 14, wherein the nonprecipitating electrolyte salt is selected from the group consisting of the salts of sulfamic, hydrofluoric, nitric, fluoboric, glycolic, and lactic acids.
- 20. (Original) The electroplating solution of Claim 15, wherein the nonprecipitating electrolyte salt is selected from the group consisting of the salts of sulfamic, hydrofluoric, nitric, fluoboric, glycolic, and lactic acids.
- 21. (Original) The electroplating solution of Claim 16, wherein the nonprecipitating electrolyte salt is selected from the group consisting of the salts of sulfamic, hydrofluoric, nitric, fluoboric, glycolic, and lactic acids.

22. (Cancelled).

- 23. (New) The electroplating solution of Claim 3, wherein the pH is from about 10 to 11.
- 24. (New) The electroplating solution of Claim 3, wherein the substituted hydantoin compound is 5,5-dimethylhydantoin.

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